

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Kazutomo INOUE et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2005\_1502A  
Filed October 4, 2005 :

CELLULAR PREPARATION  
[Corresponding to PCT/JP2003/014271  
Filed November 10, 2003]

---

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☒ each reference previously cited in the international application PCT/JP2003/014271; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed along with an English translation of the International Preliminary Examination Report.

Respectfully submitted,

Kazutomo INOUE et al.

By



Warren M. Cheek, Jr.  
Registration No. 33,367  
Attorney for Applicants

WMC/dlk  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
October 4, 2005

FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2005\_1502ASERIAL NO.  
NEWU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: October 4, 2005

APPLICANT  
Kazutomo INOUE et al.FILING DATE  
October 4, 2005

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|----|--------------------|---------|---------------|-------|----------|-------------------------------|
|                      | AA | 4,879,283          | 11/1989 | Belzer et al. |       |          |                               |
|                      | AB |                    |         |               |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--|----|--------------------|---------|---------|-------|----------|-----------------------|
|  | AC | 96/27662           | 9/1996  | WO      |       |          |                       |
|  | AD | 2001-270831        | 10/2001 | JP      |       |          | Abstract              |
|  | AE | 1-246201           | 10/1989 | JP      |       |          | Corresponds to Ref AA |
|  | AF |                    |         |         |       |          |                       |
|  | AG |                    |         |         |       |          |                       |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |
|--|----|--|
|  | AH | M. Mitsuo et al., "Efficacy of Mesh Reinforced Polyvinylalcohol Tube as a Novel Device for Bioartificial Pancreas: A Functional Study of Rat Islets In Vivo", Transplantation Proceedings, Vol. 24, No. 6, pp. 2939-2940, December 1992.   |
|  | AI | H. Inui et al., "Cold preservation of rat pancreatic islets just above the freezing point using university of Wisconsin solution", Pancreas., Vol. 23, No. 4, pp. 382-386, 2001, abstract, Medline [online] Medline Accession No. 2001565353.  |
|  | AJ | S. Kanazawa et al., "Forskolin-stimulated adenylylcyclase activity: a marker to assess islet cell viability following cold storage in different solutions and to predict islet cell function following transplantation", Cell transplant., Vol. 8, No. 4, pp. 383-388, 1999, Abstract, Medline Accession No. 1999405823. |
|  | AK |  |
|  | AL |  |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.